COMMODORE



EVIEWE

FOR Speed, Power and Ease of Use Francisco Fra

Feathers included.

The property of the proper







1541 QUET DRIVE STOPS Workerton







Dynami Duo

BUNDLING OFFER



Only

LC-10 from s්ල්ම

3735 mm



To unture private interest of a participation of the Committee Private Private Private Box Doyle takes the bull by the harm as faugals a low customs about attendency for the private Private

. Stor LC 10 Printer

REGULARS

Relative File Programming
First Stepa
Instant Mussic
Micro Mud
Here a mp and company rendy
Making Museus
Making Museus

FEATURES

26 are sed from 1970 and 1970

.

•

* May I Interupt	54	NUMBER 10
Constructing a Compiler	64	 ARGUS
* Competition	56	 PRESS GROUP
* Skyfur	60	
* Paciand	66	 AUG ISSUE AVAILABLE

* Pandora

. Software for Sale 1988 · Listings * Backpage

UTILITIES * Handy Input Routines Owe year programs the professional touch * DIY Parallel Interface * Cossette Inlay Printer

* Easiprint * Disk Assembler

9299-8277

DATA STATEMENTS

The Race is On!

Scott to market Citizen's Idc's and fdd's

FREE

Viven: Foxy lady of







DATA STATEMENTS

Thief of Fate

THE LATEST INSTALLAND.

The Bran't This mean has served. The first in the near the served. The first on the has record to the served of the se

they over the evil Mangar jihu lime of Brath Yali Hi, be mader, Med Deg Tagan, arrived seeking age and reduced the mean to like Stora Bras is only die first as gi lee of either which Tagan has assessed to distroy. The next is up to children the seeking of the seeking the seeking



MANDARIA PUT ON A duplity of history hospitally for the power serconstitution between Red and distribution between Red and distributions and Janux of Pana, distribution and Janux of Pana, missing the service of Pana, which will be a service of Pana, which is the service of Pana, purpose of the Pana ST to purpose of purpose purpose purpose purpose purpose purpose purpose purpose

my urder for the Asset ST to far, Asset general are now high fast all promises. Touchidan. In all promises to the problems of the problems from convenience of the Marchael Soft development by stem fair the Marchael Soft



Elite go Beyond the Ice Palace

return the land to pener and name Cally tame will tell whether the notch up mechan his for Time Translation Eller 31 Bradford Speec Walsall

National Hotline

ONE OF THE PI

one lost prest over a too liven toest satisfies. Derivit med National Computer Supple me speraling, a telephone hotin dentify and supply the type whodge required for my make that problem with manuscript and that problem with manuscript and

Touchine Vananel Compu



DATA STATEMENTS

Gremlin Get their 'Lates On!

MP to open Epson factory

Microprose team un with Cosmi

VER RS232

WHEN PLECTRONIC RESEARCH

Virgin Manager

DIMENSION computers l.t.d. MIDLAND'S LARGEST COMPUTER ST

Games Update













refere de Tembe or
the Marie Marie

(Jabras Meson Arrivon mark

dia sagit shall be behaving

self dia sagit shall behaving

self dia sagit shall be behaving

self dia sagit shall

and absolute collapping Valley
collapping valley
Marzinague Westdag genes,
Marzinague Westdag genes,
Collade the rag, evenemable selection
a depth desired to the collapping
debt,
Activities 10 Coppended in the
a work total by the corporation in oil
good lead in privag trans against in
media from the compensation and
good lead in privag trans against in
media read been auditor jud You
activities from media jud You
activities from media publication
activities and proposition and you
activities from auditor jud You
activities from auditor
activities and proposition and you
activities from a proposition and proposition and proposition and proposition and proposition and proposition and programme and proposition and proposition and programme and programme and proposition and programme and progr

on Your andy way out in the prix maps expans but fight and any to service the recentual guide of the alteres exclusion, in through the maps of interest shellow response and their feeting shellow response and their feeting prices on over. Sodie, Gott label in the shellow, as the shell below the other sensing of secural other sodiestorer and visit in the way and another shellow shell (Feeting) and shell (Feeting) a













Handy Input Routines

professionally presented? Here's your choice with two routines - both written in straightforward Basic with

Within courses officer the

Cursor Controlled Menu

define the variables stady line 160

Solid Gold

something that was used to send text to a printer, think

Ry Stuart Cooke

Commendary competer owners, you own or are thinking of

ello Helle Mello Mello Hello Hello Mello Mello Mello Hello Mello Mello Hello He Sello Mello Ic Hello Mell: Hello Hello Hello Mello Mallo Mikhara and not have not any not the not assert that not assert the not assert the not assert the intelligible latin Batin Balin Bello Hel Hello kirkinki kir





4. Unper case trust and graphus,

Secondary Addresses

te to the Nonce Capes Coaphia Cold 251811

inu a Becalended feet

is in the New Series Super Complete Sale as latted

Product Super Graphic Gold

Verdict





Cybernoid

Tourblas

TSR: C) lernorf
Suppler
Herson Consuluni
SSS Millon Trading Existe
Millon Millonghier Once (IX) 4 d
Tel: STR 12939
Proc. 1294 (Cs) [14 99 (doi.)

GAM of the control of

TOTAL BACKUP POWER NOW ACTION REPLAY

NOW EVEN MORE POWERFUL, MORE FRIENDLY AND WITH

WARP 25 was well a reserve to the arrange of the contract of t

The state of the s

THE RESIDENCE AND ADDRESS OF THE REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS

5 PERSONAL BROWN From July 10th and part and part and presents
for age of the color of the color of the part of the colors

D STREET BY MANY TO. A STREET BY STR

Personal polymonia

S THE STREET OF STREET STREET, Street beautiful on A Street STREET, ST

A CONTROL OF THE PARTY OF THE P

Section of the control of the contro

TANY (ALCOHOL) And the second of the property of the second form of the first party of the second of

A STATE OF THE PARTY OF T

TAPE OF THE PARTY OF THE PARTY

THE PROPERTY OF THE PARTY OF TH

ERAKES A QUANTUM LEAP AYIK IV HAS ARRIVED! SUBJECTION MORE PROGRAMS THAN ANY AVAIL UTILITY TO THE RESERVE OF THE PROGRAMS THAN ANY AVAIL UTILITY





Merlin 128 Assembler

A two pass assembler for the Commodore 12 is very welcome but is it a rare beast?

By Eric Doyle



If the CGB As assemble a supermoted program which is matches: code programmers make in matches: code programmers as more but you made for the CDB because codes as monotor always. The storage or key county among in the old supply with a supermote the code supply with a pool supermote. The code is a pool supermote difference in that is assembled to make the code of the code of

necessaried way. The problems with a meccan of fair, or created CLV command alongs a model fair could be encounted to the country of the coun

acts sides the CLC command it sees to be bested to D sheathery in a length, Set of a ledel in the copie. Characters the letter copie. Characters the letter inch a particular sees to be a physician service of SE to be a length of SETUP 3 would in BAD LARFLemor Motion 124 in a very more compared to account and progress Compared to account of the sees of

the best first our program to be access that is the violing areas. CRR retroory and all basiness or Mathana areas project for the same payant code paternine. Some re (sa, very and), a likely I, Bank to the sacret for the same payant code and the sacret.

A payar

and and the sacrad
A sour
for the paylong us
a lancob

or sourced a file country any unature 5 specule command words in opcodes) shallowaysivishe che is the very colour pressure. Po product colour seeks opcounted to their colour pressure of the sourced and subsect color, saving and leading product a seek of the sourced which colors are sourced on a bloom Metric retrieved on a bloom

Marris irr trend on a blong of and they are often end others, and they are direct end others, and they are of the second of the second of the second of the second of second of the second of second trend of the advance of marris on Meeter of the lathest of level and other second a field seed to 1000 and the second of the lathest of the

2000

-

Swedier Form House Publishers Inc. UK Distributor Finencia

I·C·P·U·G

Commodore Products Users Group

Me support all Commoders Machines old and see: PET, 91020, 64, 16, 14, PC, 128 and



Relative File **Programming**

In the last two articles of this series, Routines were explained, which would set up, create and hous, crep a relative file. Now we go on to a method of ust 2 the records that have been created, and displaying them in

By Eric Ramsay

PROGRAMMING ...

of RECORDscarrent to the Six 1 barry

2729 rum distriby retrail

YOUR COMMODORS HOW 1966

2000 rate, where addressed constitution

BASIC 2 owners do not forget to

Newton the RECORD Edit or Amend

Re-collect the Strong DISKS with the 2990 disk5-** For at liner disk5.

Hardcopy Routine



Ang Street Live Prints

The second secon

The control of the co

Printer Principles



Estaping from Commodore branded printers requ extra knowledge of printer compatibility

Districts

Comment Communication of the comment of the comment

The second secon

The second secon

The second secon

The state of the s

Distance of the order

Printers
Citizen Europe Ent: Wetter
Brenz, 4:30 Condy Road, Under
Modifices URS EXN

Owensheer Horne, Gerfaer Road, Medicaland Berksken SLS 70A.

Epasse, Deshand Herser 483 State French Weinbirt, BAS-81H.

Producen Software 6 Pack Terrico, Woodness Pred. Scray RT 312.

See Milroweni Crown Bour, 40.

Obbridge Koad, Eaber, Loopen W5.

Controctes Cables

Datel Decirotics - Units \$16
Devailing Read Featon Industria
Einste Featon, Section In 1981

Disastron Feston, Section Trees

Disastron Computers 27/79 High
Street Location LEI 4FP

Macroniga 17 Service Read.
Walkery Menegade 145 6QN

Widnin, Esset Child 282

Nothing, Esset Child 282

Nothing Esset Child 282

Nothing Control & Followpale, York 1011 ANR

The second secon

Centronics Interfaces

Detail Electronics (See above)

Delta Ps Seffwarer 5 Scowerp Len-Whathy N Yorks TOZIND

Evisham Marves 6) Bestge Stree Evisham Worst WELL 63

Precession Software (See above)

MPS 803 Upgrades

Avec Preser Technology Swadon House, 4 Roward Road, Seathwile, Presal 883 IQH

RS232 Interfaces

Brace Boxes Une 36 Wavestr

Technology Park, Wavering Boolevase South, Emergeed L7 89FF Delin Pi Soffwarer (See about) York: Electronic Rasearch' (Se

abeno





TITLES REACH FOR THE STARS' (Dalastic Empire building) DECISIVE BATTLES OF THE AMERICAN COVIL. WAR YOU BATTLE PROMT IS NOW II GARRIED

Pain 5 Measons (SDCs own analysis and new sonnercol-

London Gamon Warehouse Ltd. Whelesels risks evaluable for ER and European windows.



First Steps

Learn how to chat up your By Norman Dovle

valigator Olympish my dala

Then a PRINT r programal will

YOUR COMMODORS US. 2008

RS232 INTERFACE 64, 128 or Plan 4" (24-9)

IBM PC File Trensier Uddits UIFWDATA TERMINAL 66 or Plac's \$14.99 CENTRONICS CABLE 64, 124

6582 ASSEMBLER 64 or Plan 15" tune 14th F10 00 Z80 EMULATOR/ASSEMBLER 64 463 E12 99

Pinnis specify uplines. Early obsque/Fil. or orbit by a Prices include VET and PAP. Commess orders and EED After up to I week for delaysy.

YORK ELECTRONIC RESEARCH TORK ELECTRONIC RESEARCH
The February Court VC. 4 Februarie, You YOL GAR
THE COURT OF THE COURT

Maria I and a second The Defeated Courses Saidte The Section of Section 1 S

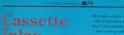
States Franchise Wilders Committee C

DIY Interface

soy printer with a Congression (i.e. parallel) coinclase. The software bated enables you to section

month but need an inverse - why not do-it-voursell Ry Paul Williams

Once leaded, 5YS 52965 sets the



















Load, Sun Benney Worsh Screich, Linesen, Carl



THE FINAL CARTRIDGE





THE CHIPKING IS NOT WORTH MINE COOK & LIKE MORNEYS The backy Decrement FIRST CHATRIDGS IN

SHIT \$39 IN POST PERS

Pull 64 prissing • Terable printeus delair geneting • Sprite printing Newson printing • Opicer stuggers

et all commands and functions

ted from a mens bee, which • Nomber • Asta • Date • Oct



GAME REVIE

Instant Music

do nell'acception, and no llineght is passed seen to record one was pleased before effecting the seen outstand coloridate. Jamming conducts to constant, and copyrigate members and agents right as no see it sight scrept formers before the constant of the second outstand to take that the



A Silvin or the good of the country or the country

control, vid cream engagement of the control of the

compression, we never assisting partnership the dealer and applications of conductive thermost as places, and such as a such a

rein Teachtre
south Title Souns Man. Supplier Hormour Ann III/6
hops Santo Real Lewis; Desis SLEAN Tel 6713 69442.
Michigan Cid. Prior 18 91 (Col.I.(4.5) (Dail)

asiprint English to an California of the Conference of the Confere

Using EnviPrint Communds

asiprint

ONLINE - sets the printed on-line for

CENTRE - will centre all the

DISABLE is used to double the Euro

COMPRESSED ON OFF - washing

PAPERBUT ON OFF cooling of Commands requiring a numeric

PASTDOURGE-45515 - Idented to

Patching in the System



MICRO M

DC P. R. X (1) 1 · 4 · 4 × ★

Fred Goes Dotty

for too long! These three packages from

By Fred Reid





Star LC-10 Printer



Making Music

On pero sestengto

Continuant our music series, this month we look at the

ان اعتراز المالي المالي المالي المالي أفي

role of interrupts

A sy new symbolished most make existence are of symmetry to be while to cope with the

The Actual Program

wise one is not be used to you come starting second of Ginama billionity, a muscul form meanin, effect produced by stating the it best of the finger sure peans keys or harp-straigs, or along it strong, or by 'scooping the seconding to no Beader's Dagust Environments' Determined Environments' Determined Environments' Determined Second Control of the Control of Second Second Control of Second Control of Second Second

Slip Sliding Away

The emportant thing to run is the 'kidding' part, because

I'll Videra free, because a glimandfree (a source of cor pregness) a see herb sheles is cole fram oor vider to source, it is significant of the control, it is significant to the plannation are obtained obsource to be presented in the present anapoly from the present of the first part is another by a significant of the control of the control of the control of the control of the present of the control of

panty, sy song i were might your as being modelland or qualitation and the same and

steply remay over tool on, syminals lay, 27. These on view need them, procurage key '77 teams on all draws, processes, took on one for all possess ancesses. A suspin way of seed to membered remained of freezh and freezher on doors the tight need the machine advanced of years. Whether on doors the tight need the machine advanced of years whether on doors the tight need the machine advanced of the processes the machine advanced to the processes of silest the characteristics of the source, and processing that key takes year and processes are to considerable or the processes.

parameters are privilent than they be parameter from the for silventagy you to other what of there revoked you said filtered, where the filter you want, what sort of filter you want, and faculty who can until finguessey us be Alberton hack to filter mann Engley and chaines to help to the fresh of your ballows.

mentrood as the actual, is covally as well Frenzing the 'cover at the waveform oil (she and porting keys T, TCLR/00 and TPST/1081) turn oil the manafest wave say, two and three trapes that a manafest wave say, two and three trapes.

Memori silvere.

Listo is on we'll be adding to the programs, when we look at the section on unbrimptle. When you've guid thinched, it's trust to claimout up geodyte it fails and in silver delong smo the marky significant continues continued to the fails werely, you'll be able to use the programs and monose potential countries if you knowledge of moshime code in a good on my knowledge of this as good on my knowledge of the

what no're poing to be doug! Sound and Machine Code

White Improve the absence of any expectation of the Commission of either speed on the Commission of either FUEX SPEED ON SOLUTION Commission on No SOLUTION Commission of the Commission of the bestime they can get anything of because at how the most distributed for passion seed many large page 419 of the page 1 for the most distributed of passion seed many large page 419 of the page 1 for the most distributed of passion seed many large page 419 of the page 419 of the most distributed to a principle for source of commission of the page 419 of the commission of the page 419 of the page 419 of the commission of the page 419 of the page 419 of the commission of the page 419 of the page 419 of the commission of the page 419 of the page 419 of the commission of the page 419 of the page 419 of the commission of the page 419 of the page 419 of the commission of the page 419 of the pag a Samon Basic are some video 'command-cold' Sadly, the smooth meno flad any great works compose, using these sade would not be able to week as suppose chirl Commoders By sudiest shay so had the sixtee sadely Consequently, at an always better to produce seem becommand existence to Basic than case, if necessary, be covered within the best of the program using them.

Tools of the Trade

of SYS calls but store we can few startables as word as comeshing, early laises to set shouldedness. YORUME, SOUNO, AC PRICES, WAVEFORM set of start of the programs, and could still on the following.

SYS VOLUME, IS SYS WAVEFORM, 17,1,1 SYS ADSR, 9,0.0.255 SYS FILTER 1,2 SYS FREQ 8 1506 SYS SOUND, 147,8

though, about overg varieties of Drunature that the CA only auto the Fairvan Botte, of a versible mean and was Botte, of a versible mean and the CA of the CA of the CA of the SUNDO, would be regarded to AC tracts SOLID, also we cannot have a substant to Base served by an oftion to SOLID, also we cannot have the 64 doesn't like your step Black prevails as gother driventhe cannot are the control of the CA of the CA of you were of commands the fire above and mean and the control and seed to could use of a number of the control of the control seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the CA of the seed of the CA of the seed of the seed of the CA of the CA of the seed of the CA of the seed of the seed of the CA of the seed of the seed of the CA of the seed of the seed of the CA of the seed of the seed of the CA of the seed of the seed of the CA of the seed of t

b 20 END 190 DATA 33,253,174,141,33,3 € 235 H3,142,32 288,46 DATA-L

Having entered and one the proposed could then type in SYS 49(50,0,13

display as a result. The passe benevies that it works, and it possible to pass parameters to from machine code routines with any audio flow and bother. To go fo sorros to round in a sample matter, if need by its monotible to past artists.

diseed be, it is goodship to put atriang navefacer to need one so we crethange our data to read 200 DATA 169.00,141,04.212.33.25

which would mone a cell of SYS 493531 would put a mangle were in year are, or SYS 495522 would put a seviceth were there, and so on, without the most of POKE 54722 POKE 5472117, or whitever Moment came of their male year.

Biometer nome of the servally any great supportunities on the transfered PHER. POXE appeased Used and play with a lip will means, but do not expect transfer on a result of doing or. Fair hearts on tasks to old formats, and use the speed and power of machine code in do nother, mere distance thangs STR could no variables are not very seed by the old of the seed of t

distance things SSS cells to symmetry and a very self, their is desert his shad long for a sequence of, any, for POXE comments in the object Lenger then in machine code, yes, but cau applicately in an intrust of society produced. So, we must not insulated code for those pours of a pragram where we mean of providing begin to use the case of providing the part of the case of the case of providing the part of the pragram. And is seen for the case of the case of

Bloweser it is much before reaching code for semicles soully useful rather than a code of one are two bytes and me to Basis that doesn't mally any causer.

Using Interrupts

y from whetever riv is off to applied the , check on a few that gives us the alphays to practice manning either through the helperary measured assumptionable for our newstand assumptionable for our newstands assumptionable and either well the heeling there countries can easily be the continuous and they only taking any very before measurery as the practice of the countries of the countries are the second remember the 64 on as many count remember the 64 on as many countries are trees guiden rules. Makke man was incorrase the

Make ours you receive the 64 perpenty
 Make same that your own code works
 Make ware that \$60 pers to \$EA31

This may seen obvious, but it's surprising have about and how ceach, there is no about and how ceach, there is no all the sile and it is not expected. First in all the sile need to enterrupt the 64 There are two intensive locations used to control the final moderated in a moderated in a moderated in a final of the Barkeron locations in the sile and overving though so made in the final location in the sile and overving though so so that is the final location in the sile and the

become drading of the 64 kmgs in the Trail for the Trail for the GT MATT.

Now suppers we want to know the 64 perfects arose choice of ear ore before it gets to 18.633, and that we over costs stars, and touches \$5000 or comment plans, being the stars of the span held of \$8.444 know that and store of the \$5000 or comment plans, being the stars of the \$6000 or comment of the \$6000 or comme

is a Fix and a 90 to PORK also do: you locations mentaged earlier, and to also the RIV we could just POKE 111 90 POKE 119 192. Blowers, due to the speed of the

However, due to the speed of the 64 this will sometimes cause a 'crush', where the enablest post goes up to deguat and will have suching to do with you. Selder then to have a lette souther as machine sook which we can call to term the HIV to make you.

at the time. The following program will lead some code into the tap and of memory and enable in to get from one to the other. ID FOR DO TO 21 IS READ A.

13 FEALD A 20 FORE 53992-LA 30 NEXT LEND 100 DATA HIS 00,141,20,05,160,162,163 31,04,96 105 DATA HIS 00,141,20,05,160,254,14 105 DATA HIS 00,141,20,05,160,254,14

MS DATA HSUB, HUZUCZ, MSZZA, HUZUCZ, MSZZA, HUZUCZ, MSZZA, HUZUCZ, MSZZA, HUZUCZ, MSZZA, HUZUCZ, MSZZA, MSZ

and charge line 30 to read 30 NEXT | 1 or POR 140 TO 7 READ A PORE 69159-IA-NEXT LEND 150 DATA 198,41,141 80.04 76,48,234 | Nothing one starting yet, because

as it does no least move the purpose. To get our hoset up there we must.

SYS 52992
and to turn interrupts book to meens are in the hose to

not to term interrupts over to mean again to the have to SY 55003.

This will work widout the machine creatured Nove, with the HEV desired.

creating! Now, want the EAY death or an lattle heart well remain on sorro Set the HIV back to manual again, a the heart can be cleared at mor. Hywever, we want to do someth a mag assess importance than their we'll. Be looking at wring see background manu on play our and for ma next time. See you then!

See faithing on page M.

Pandora



An an agreement of the production of the selection of the

an distributed of the control of the charge of the charge

ignore the main land causes viscous harge abound in a box are controlled you. Box owns opposed the Pandors is improved, where medicate of dissources will find did file this or them. I provide the pandors of the November 1. The Pandors Opposite the pandors of the November 1. The Pandors Opposite the pandors of the November 1. The Pandors Opposite the pandors of the November 1. SCREEN FAX

ic medical from the Leg of State William in the State State of State Sta

by Williamson 2.6

417

A region of the control of the contr

The second secon

ther are flat ye of the restaurant was

HIT ARY KEY TO CONTINUE

May I Interrupt?

mes aren't the only programs that use interrupt, willnes can also butt in

In provious untailments the power of inserving pagesancing to be been shown as a divige to go uportained without as a divige to go uportained will not be been present and the second to the provious and the second to the provious and the provious and the second to the country and the second to the country and the second to the second to the second to the second to the provious the country of the second to the second to

devents. The programs confined for a set Technology associated recommend for all Equations (1) and Equation (1) and Equation

which severes the key redefine at function his familiars. For sending commands to diparties or the secons say the function beys no selecting it work so that if keys believe as surportly as one of if

Expending Banic
The CERGET rection on
shearters from the upper buffer or
as a time, checks for a command we
and then bends over to the
same the food over to the
same than the command or
the complete or a command or
the complete or a command or
the complete or a common of the
same protects and the command
occupied or an error to found. If

stocycles for an entry in bland II.

received that hands bad to the train for a new papel handler. To ending it as a command of poor with CHROST to changed to poor be considered to the pail and any new command to poor to your even receives which had be pail and any new command to pool to your even receives which had been control decoding systems.

The book way to do that in stellar particular pooling systems, which had the work of the control decoding systems, which had the works had been aftered to an a partial. For o proposes was per lack K far key as offer a read as a partial to the proposes was per lack K far key as the K far key as the far and the far a

le will be vizigned become notes to estandard Busin brywoods were to CHREGET soutant necessity to take the

INC STA SINE 50079 INC STR LDA 5000 CMP * SIA BCS 500A CMP T28 BEQ 50073 SEC

SEC SEC # 500 RTS

To secrept the cocursor of the cocursor a JMP \$C00 cocursor to the cocursor of the cocursor and cocked in our other the LDA \$500.

but the cent of the restone must called from our wedged rouses (C000)

be possumands several on the famous system hadden under the famous R, a same on programming spe berefrer each accumund can be haracters long iff the reder section is not required a med a tended American color cornic son to stored in \$0,000 becomes increase against a booled for increase agains as booled.

Afterine interrupt is not the root control of the format control of the control o

May I Interrupt?

TABLE 1



GEOS MOUSE WITH CHEESE COMPATIBLE WITH GEOS SOFTWARF



EEC LTD.

* BROTHER HR 10C £120 = + Dates when 20 col. 17 C.F.S. 20 Buller Includes TRACTOR FEED - ROOMS IN SPICESOF PRINCIPAL & CITZMAN CENTROPOLA SERVIC WITHOUT

EEC LTD 18-21 Moleowrae Rouse, Children Hill

reformable of it is no be of any



It All Adds Up

By Eric Doyle

cassembler

Superb Graphics Utilities

Win





DATEL ELECTRONICS



ONLY \$15.99 OMC E19,99

Mar Change and Commercial Commerc

Other Every hothy Platesia Only £24,99

SMARTCART

M ONLY 59.99

Districtive OMER 539.99

Mr. 64.99 cm

DATEL ELECTRONICS

Ul floring story and SCREW if it is a Ul floring story control in a proper Ul floring story and Ellistic story as SCREW if Ul floring story and Ellistic story as SCREW is Ul floring story and story as Ul floring story and story as Ul floring story and story as Ul floring story as some story Ul floring story as Ul floring story as





















BOA Jimper of Corn

E8.99 ONLY E4.5

John support for Agreet Aust agreep lend your Agree of Child has priced. James agree and referris to gitted a supplier leaders. OMEX #39.99 COMPLE

DATEL ELECTRONICS



session with handson

VIEL

LECTRONICS





with to prove price there is a second price of the control of the

undergo and does no missessim of front is suffering to a content of the content o

Skyfox



and any regard all shell meetin various manual and was a road and that pay of the last of

colors field yet on blood to main plantangung from the mainst control and dealing the enterior and a total for the enterior and a total for the enterior and a total colors of the enterior and t

augustus august pandir cent i Ace had en festence august till agnet til eller della for helde for til gegette til en gjennet til som stille eller til en gjennet til en stille gjennet skille god at blang energen til til en gjennet skille gjennet skille gjennet gjennet til en gjennet skille gjennet gjennet for en seksette skille gjennet gjenn

OUT ON ITS

OWN!



NOW! YOU'S AMISA is a brand new magicine as exerting

A feliplous Amous 500 one bo won in the first raws

AND 16 RIT STILL



beginning and these it was regional and inchesion for Configuration of the Configuration of Configura

AMIGA

Books

годистопи







Author Frank Kompon Distributor Processes Safes are Line

Sadier Desert/strot/frmD Sponum Dispolater Processes

Constructing

a

Compiler

the introduction to developing your language By Steve Carrie



report to a viring array which

PROGRAMMIN

and problem a single, owner the first the visit and through a source fee first the visit and through a single produced to a read with some repetition could be the read with the read the swearship for the read with the condition of the presentant programs of the problem of the read of the presentant programs of the read of the presentant programs of the transit of the problem of the transit of the program of the read of the problem of the read of the problem of the read of the read

Assembly
 A sample lane piece symbolic resembles
converts the monestly language consists
under 1988 or mechanisms that the
progrees. This operation is, that the
subsets, Ed. based seed the freezhod
progrees in contained in the EXI. Eds.
There are those peogrees file, which
work interfer to compile an PCL
popular and Fig. I discreminatedly
popular and Fig. I discreminatedly

program is the program file when the TATES. There are the program file when the tates are the program file when the tates are the program and Fig. 1 determined by the program and Fig. 1 determined by the program and Fig. 1 determined to the program and t

ednor, EDIT. Output from throstope is the SPC SYM and LTR files CODEGEN uses these three files to predere the amountly language morescode file (ASM). ASSEMBLE is the two-pass symbolic

ASSUMBLE is the two-pure cytholic anomability until to produce the final EXE file.

The share does not end have been read to be share the control of the EXE modified to be shared to perform the make required, at section a randome suppose the control of the execution of the exec

in the state of the construction of the constr

Theory of Rustime Operation

executed the system position as a ballow as included. The or support behave \$550.00 and measures at \$60.00 and measures as \$60.00 and measures as \$60.00 and measures as a size of the system in an airor and execution in the December of the program begins. Proceeding Develop BECIN state and the system of the size of th

 SUBROUTHESS defined Procedure Diversals Procedure Diversals code
 SUBROUTHNIS define FORWARD The BASIC link header cona single line of BASIC lens control contraction of the program

e a Ample tole of RASK (eg) to concerc control of the project control of the project control with the control of the control o

elements that the levels used by inmotion. For a string variable is written. For a string variable is motion indigeneed in these to determ as a decompany. The fit streamed life length the subseque byten recording the usualy address elements. String errors require to byten per alternat plan sub-layers the spoken. These system byten is used to record the number of elements in the area.

appear in the year or groups with a saddineousl has partial recording in length of the streng Time extract STATIC. The number before after the programs has baded in gate ere to the strengs of DYNAMI strengs.

restants for opcoding postures, and constant within 1 will cell SYSTEM VARIABLES. Nametatal operators and adult and the cell and the ce

Soring servals.

Main oil the basks ometrishes and strongs.

Main oil the basks ometrishes the control process of the control process of the control process of the control process and appeals of the control process of the sample of the samp

where the desiration of the control of the control

aprisings are reserved in AC2 or SD2. This apprisance when do not server data types may be represented oroboboolis be [AC1] [AC2 => AC2 for manusco appraisance.

Where impresent some operation in some ones. ACT or SDI in not used that it supplies a largest NOT operational factor due by a key []. Factor is a supplied to the supplies of the supplies of

SD2 | =>ACTIONSTRUGGERMON. ACT | =>SD2 for numeric tracking. The values before numerous six. DYNAMIK value values era warg value varieties SPTR (saving position). Tables BASIC above the varing value green downward in minuser. The PCL value, grown is parents. Here the cell of

stack grides operately terms the cord of the program on advises \$4000. Act I be program to advise \$4000. Act I be lake to the program of the lake to shape overage due to the lake to have overage to the lake to the program will soon AMOR the program will soon AMOR the program will soon to have the state of the lake to the lake the lake to the lake the l



Pacland

T

• .0.6

Parties

BUY TEN TOP QUALITY BRANDED FLOPPIES AND GET TWO FREE

AT hoppies the meet reliable and speedable diskettes on the market, sold if the prices below, lift stone the



Free Disks

+2 Free Disks +1 Free Disks Single select, doubt density 48tps \$7.40 to dail when the Disks dailed density 48tps £8.00 doubt density 48tps £10.00 to density dailed density 48tps £10.00 to density dailed density daile

code har above is an 5th 99350 - 24 hour environwint in the address from by mo toganic Or made as proposed and ring and as Noposed or an experience of the contraction measurement in the and the contract of the contraction measurement in the proposed or an experience of all the contract of the coding radies - coding radies - other branded

CEMPUTEC date Please and for data Congression Page

MACH 128

and colorage of their charges of the security of the colorage of the colorage

in the profession of general publications as procedured and publication of the profession of the publication as procedured and publication of the publication of the

New COMMIDDORE Version 5 ROM.

Are plus repersions on are of the bolomery produced with your class drive.

es when swing (Superbase) ne files financia (Singry) il geodema when 2 ar anni appin blach in Bronner in treogonias a trippy dasch

FIGURE Controlled by Controlled to the LEAR, are not strike the observamentment and Explain it Stores over 10 years profitioned, may let M. Controlled the Controlled Controll

The Next Generation Basic - Basic 8.

The Next Generation Basic - Basic 8.

As an preside Section of the Section Proof Section 5.

The Section Section

Into a southern in content of the property commonate to Sean 2 and it sometimely simple to the southern and the southern and a southern a southern and a sou

Section of the Control of the Contro

THE OFFICIAL COMMODORE NOUSE
The objection of the Commodor Shape The Commodo
Table Shape The Commodor Shape The Commodo
Table The Commodor Shape The Commodor
Table Three or its Software.

The require contention of bottom for the trib is new contents
the new state parts of the trib, as the hand.
At in 10 private used private is described to the hand.
At in 10 private used private preferable to the hand at the softeness pointing the tributation of company described.

Financial Systems Software Ltd.

Stid Floor, Anbelan House, St Mery's Stree Workester, Will 1HA Telephone (\$300) 750217 All doors are had \$47 and \$50.0

CP/M Printer Interfacing Memberson style ontailed printers

Connect your printer directly to the were nort wind

seved The pregnan POSETs the 298

Gettive it all in











OMMODORE

Software for Sale

If you think that one of our programs looks sees interesting, but you can afford the time to type it in them our coffeship service will help you out

Les three o'clock in the manning. Ye, our at the composet keybaard favour, part flowfood a contralison typing steroor, moving one of the keypil in organ states. These dissipations of moving one of the keypil in organ states. These dissipations of Listad N. You provided that the contralistic behavior. Listad N. You provided that which a state of the contralistic Distriction has quantity and organized through though the program has my long structure. Not matter how they have been structured to the contralistic years and state that one of his they observe yet moves one contralistic and the state of the contralistic program as a state of the contralistic contralistic program as a state

If a protect to Utilize data and it Utilize accepts. Note the emperature list the programs in supplied we nebwer that it is all available in the relevant mag Stoods from one how the supposes than the help with the house probable from the following utilizes. INFONET LED 5 Rover Park States Serkhamand, INFONET LED 5 Rover Park States Serkhamand.

The Disk

thus making use of the programs mask to Deformation in the response to contact epipolish to Deformation in the response to contact epipolish for Pland's cancers. However programs for these maskers the analytic on the delt. What programs no available? At the input further more you will had a temporary the mende type. Cell Programs in this this concess over the mende type. Cell Programs in the third concess over

wally received.

These protester its probable on this

er Please Not

IT R on type. There is no sense to plenning a program that may not be cooking from their on by Lape long.

FERRUMS 1986 -

MARCHES 5000 — See Justice 1988
ULTER FENCTION RESTS — Sover up to rescured
on our CM fluction Exit.

SWATT CLEAN UP — Employed IN PUT contine for
ADVENTILES. REI — The passes profesie for one
ADVENTILES. REI — The passes profesie for the
Reight profesion for the CM.

E YCTESH IN DO

MARCH 1988

cirk cells)

MLETI DUMP – Epion setten damp for C64 owner

WEGS B – Consuman of program from February is
Compiler program or this olds or tope
MLSSLCAUD – Bur mous white your programs heady
PLUSMA ASSIMMLEE – A machine code assemble
FlusM4 carry (madable on dot only)



READERS SERVICE # 200

CLEAR WITH FASIC - A soon of that fuga rooture

MAKING GEOS FRITISH - Have you carr would that EXTENDED BACKGROUNDS - Aber the background

MAY 1988 -\$3 COLUMN VIDEO - A service to return

JUNE 34 DESCRIPTION V EDITOR - A superhapping that allows EASIC LISTER - Lat a Page program stored on dail

NAME	OTY	TAPEJOISK	ORDER CODE	PRICE
JULY 1918		TAPE (£4.00)	YCJUL88	
JULY 1988		DISK (26-04)	YDJUL88	
OVERSEAS PE	IST £1			
			TOTAL	

POSTCODE. . .

Listings

Мистопк.	Symbol	Keypreis	Местопе	Symbol	Keypress
(RIGHT)	100	CRNN left/right	[TE-6CK]	200	CTRL & 1
(4EET)	183	SHIPT & CTOR MIN'NGS	[AHILE]	E	CTRL & 2
[DOWN]	Q	CRSR up/tiens	(RED)	E	CTRL & 1
(UP)	*	SHIFT & CASE options	(CYAN)	-	CTRL & 4
(11)	*	II kin	PURPLE	00	CTRL & 1
[F2]	193	SHIFT A II kee	[GREEN]	-	CTRL 4: 1
[17]	(220)	0 kg	[BLUE]	365	CTBL A.7
[74]	15	SHIFT A PLAG	[YELLOW]	100	CTRL & S
(PR)	100	Min.	[FOUND]	CHA.	
[66]	986	SHIFT & 25 km	[LASSOW]		
[87]	10	f7 kee	[EPARROW]		
[F8]	100	SHIFT & IT key	[21]		SHIFT 4-7
[HOME]	S	CLR/HOME	[1888]		SHIFT & INST/DE
[CLR]	-	SHIFT & CLR/HOME	[REV T]		wie (soci

OMMODORE Listings



110 GM P VI	500 (m) = 80 77 77 71 71 77 77 77 77	085 NO ONTH FF TF 10 NO 82 PF 97 F
\$20 Dele by by by by by CC Co II	\$11 DATE FF FF HG HE HE HE, HS, 45, 40	1932 200 DRIE FF FF 2F 2F 15 15 NK 10 K
210 Onle by by to by by by an in	100 DATA IN IND NO 40 FF FF FF IN	
THE OWNER WE SHAW IT TO THE AT THE		7 1200 1210 DAIA 77 15 29 00 CL FT F7
1501 130 DHEA 27, FF 7F 7F FB CT 57, 13	DOES SACA FF BG NG NG NG NG NS FF, FF	7 7484 3809 SASA 77 77 77 20 30 33 512
		5, 5274 2000 0000 00000 10 00 27 77 77 77
THE SECTION AS	DELINE THE PRINTER	7 1226 1298 DAJA LE 42 CO E1 FF FF FF FF, 1
NO DECE FF, FE, FF, CO. CO. CO. FF FF FF	1050 (Fr. A. 11 12 12 12 14 12 14 12 14 17 14 17 14 17 14 14 14 14 14 14 14 14 14 14 14 14 14	F 9374 1956 DADA FF FF NG NILAT NE SE N
70 DRIE PT PT PF.FT P7.50 45 43	BEN DIGE 27 FF FF FF FF 13 77 77	2 231 2362 DADA SA 45,45,45,45,55 15 FF
SO DETA SS.FF.FF FF FF FF FF FF FF	Sad date to be be be be be be be	8 737 3373 5434 VS CB,CL 87,17,17,17,17
1800 180 CRIE FT, FF 18, 60, 67 FF. FF 19		
100 UNIA 77 77 77 77 17 10 10 10 12 12.01	158. 500 Deta 77 FF F7 77 OF F7 77 PF	0.786 0.000 0A0A NS,
1300 310 GATH 95,87 FF FF FF FF FF FF		3 708 1150 DAIA OB CO.CL FF.FF FF FF
300 DASA FY LE 42 FF,FF,FF,FF,FF		
3634 38 (A) 4 77 77,77,50 to 52 to 54 1150	1303 3656 27,77 27 00 77 27,77,27	3 591 1120 3000 48 55 FF,FF,FF 18 60 1
2003 DADA FF, FF, FF, FF, FF, FF, FF, FF	1890 130 OMER PT TE ST 7T PT NO SO SO	1130 DRIA CO FF TRUEF FELEV FF
50 SACA 18 45 37 77 77 77 77 77	740 Grife 45 52 K, up 51 19 50 FT	1192 DACA NR 47 NR 54 NS 11 52 N
1961 80 040A ST ST ME FF DY ST 27,179 1507	750 DATE HE FF LL FF FF FF FF FF	1150 Dece 30 St 27 27, 18 31 CD 1
100 OFTA FF, FF, FF, FF, FF, FF, FF, FF, CO	360 Onto 77 97 97 77 DE 33 77 77	1 1199 1380 ONTH FT.HT.FF.FF.FF.FF.SF 53 1
1796 80 ORTH FELEX DY DY DY DY DY DY,DY FD60		1170 CRIS N4,98,54,86 IF FF FF I
70% 10 0878 77 10,10 15 15 10 12 13 101		
755 C CMIA TO 77 77 FF FF CA FF 1808	250 cale of FF er he so we me er	1, 3276 1108 DASA 77.77,77,77,77,52,95 1
1908 D 0619 FF FF FF FF FF FF FF FF		1808 Selfe '91 59,45,59,79,59,71,
0 ONTH 53,50 TO 18 TH 30 AS 35		1618 BASA 77 77 18,60 00 68 61 1
00 DAIN FF FF, FF, FF FF IN 38 FF	2003 SIG DATA FF 27 GF SE S) NY NS NS	75. 1278 1200 BAJA FF, PF 11.17 IB, DL.BL.V
NO DADA DE SE DE PER ET PE FE,GA		1838 BASA NC 55,59 NS,77 FF Nr s
NE BASA 50,40,43 45 20 Rg 30 FF	INC DAIA FF PF FF FF FF FF FF FF	3210 BASA FF 18 BN CO CE,FF FF 8
80 3404 FF FF FF FF TV LE 30 FF FF	650 0718 FF 42 45 54 45 40 40 45 47	THE DATA PERFORMANCE SERVED TO
	100 0414 45 F7 F7 F7 F7,37 OB F7	3860 8454 91 94,42,50 93 77 77 3
1653 80 2656 TO 13,15,37 AS 22 32 57		2770 DATA IS-50-00 COLFF FF FF S
765 00 9404 27,77 77 18 20 FF FF.FF	800 GANA SA SS SS SS SS 80 80 90 90 90	3000 BASA FF, FF 312 NS, S4, S6 SN 8
1686 00 3808 27 27 27 27 27 41 40 45 1851		1201 DATA FF FF FF FF-FF-FF-FF
	2013 500 DAIA 17: 27: 27: 21: 17: 17: 17: 13:	1300 DATA NO 65 CO.,CO.,FF.,FF FF 5
TO SEAN OF THE SEC OF THE FIFTH		1339 SACA FF 11,79.50,11.4E NE.
1797 30 MOA 27 27 27 27 27 31 31 32 32 27	300 BADA FF FF FF FF LO BD BC FF	3.200 3404 50,11,50,45,52 FF 10.1 6, 700
TARD TARGET AND	1990 232 5000 FF FF FF FF FF TT 37 40 00	3399 SACA OS ES EL-FY-PY-FF FF
0000 10 SMA PT SE FF PT PT FT, FF, FF	910 Jefe 53 54 65 59 50-15-17 NB	2.700 SMCA OF 17,10,100 NR 95 NE S 2.700
		2, 709 1393 3424 NR D4 ES FF FF 14.48.1 0 1093
1230 1230	1250 560 SMA FF FF FF FF BA 50 50	1360 300A CD, FF FF FF FF FT FT G
	333 3444 DE RE SE NO Nº 1/ 54 16,77	1270 2ACA NA NE,NO NO NA NE NE N
		23 204 2382 2404 48 54 55 FF. 16 MT 70 F

LISTING

2. 599	1 TOTAL DAMA 27, 27, 27, 28, 70, 27, 28, 7.	1 1 105
1300 Date 55,57 SP 57 SF SF 46 4	7, 2074 3000 0636 08,52,35 33,55 57 57 57 5	2000 DRIN CO MC_FO CO N2_00LCO
		WEED DATA THE WAI CO. AND TO MIS. OIL
F. 953 1910 Date FF FF.JV. 10.98 CO. CD. F.	1910 0434 FF 17,F7,F7,F7,E0,00,0	
		2000 únite do 40 os es do CS FF
INCO DATA FF. FF FF. FF. S1. SS. T.	9 690 1890 DETE NE NO NI NE DE NG. NE D	3330 DRT# 23 \$1,38,00,04,00 NE
2 NO. OF THE PROPERTY OF THE COLUMN TWO PER	1810 0414 13,31 FF FF 58 95 65 F	
	1800 Dele FF 18,05,00,77,FF,63,4	2010 DETA DE DE LT 05 DE AS 01
1130 ONTS FF.FF.FF FF.46.WC.30.F		
	1802 0959 31,53,53,55,55,55,59,55,5	E LESS 2000 DATA NO ES,00,45.00,50,50,70.
7, 00-0 1170 000 FF IN. TH. CO. FF. FF 18 7	THE OWNER WE'LL BE TH' OR TH' OF THE TH' OF THE	
	7, 1898 1860 DATE DE 75 DE, DE FF, SO, NO. 5	2000 ONTH 03 NO GY AG 00 20,00,
1980 Date 80,77,77,08,95,96,96,9		
5, 1993 1932 0636 ST NO. NO. DI. WELTT. FT. F	7. 1165	F 13F6
		2300 ORIA AZ 95,20,05 IV AG 93,
1500 (Ale 10 57.00.FF.FF.19.57 g	H 1986 1810 Dele 30.FT FT FT WIND NO. N.	2300 DATA CE EQ. 30, 36, 25 61 60
	3 3133	5 1669 2000 ONTH SELED CO. PR. 67 BO GE
1529 (M31 53,50,15,15 FF,FF,FF,FF,L	1500 5454 20,40,50,40,40,40,40	
	1830 0934 63,51,79,59,58,55,16,16 5	2330 OFTA ER NO, LE, 17 AS SE CO.
1930 DASA GF, FF FF, FF, LE, 12 FF F		\$390 Dece on ca.w. so or po.co.
	1510 DV14 20.50.50,4F,V1,55,12,1	7 1083 2393 3654 AS 66, 20, C3, FF 49, br.
0 103 350 Bele St 95,90-FC-FF,FF,CR,7		
	1 955 1000 0700 00000,00,00,00,00,00,00,0	ESSO DEEN CO. BE AN ON CH. 61 30.
7 1162 3572 5674 95,98 50,98 91,50,99.5	1976 5414 00, 28, 93, 28, 20, 40, 97, 5	F BOD DATA AS DE MC. 12 TF GO. 41.
THE DASA WE, WHITE, PERSON DISHED	1, 550 1750 0000 ID. St. St. ST. ST. ST. OF \$1.0	2390 0HA CD CL. FO. NO. CR. CS. FO.
1586 Into 17.17.18.46.27.27.27.2		
0 1807 0000 DAGA 65,40 62 45.53.59.50,4	2000 SASA 13, 59 15 53 20, 19, 15,5	PHOTO OFFICE CR CR PO. DR AS DO GO.
0029 0A54 08,45,87,67,18,47 57 7 F. 1000	NESS 6414 00,55,16,10,10,16,16,15	3+00 DKDs 03,45,96,60 05 03 26,
2 1800 2 1800 21.4C.4C.4C.4A.A.A.A.A.A.A.A.A.A.A.A.A.A.A	2020 DADA NO NA DE CO DO NO, NI B	Daniel Co. LE. Co. Co. Co. Sci. Lo. Co.
SENS BASA TF.FF.FT.SB.PS.FF.FF F	0 500 2002 2404 57 Vo 52 20 57 58 VL 5	\$100 DETE 77 AO 00,60 88 70 FB
9, 3076 3668 MACA 95 SE 95 98 95,35,47,7	2069 840A 51,15,1E 20,10 1E 20 1	STATE OF SECULAR OF ACT OF SECULAR OF
	8032 SACA NO 52-43-46,20,31,35,3	3 1275 3 1275
1872 BADA FF,FF 18,60:01,FF,FF,1		(190 041 t 05 30, FF. CS, CO, CO, FS,
1600 TATA 20.00-F1-FF-52-15-56 V	8000 SATA 38,80,42,53,80,48,41 S	C 1740 2450 0454 30,77,46,46,40 00 64.
5 ML; 1100 DOOR DE NO 15.77.77.77.77.77.7	2000 DADA NE 20,75,56 NS 52,70,70	
	E, 261 2180 0404 12 18,71 10.42-50.00.0	25 1836 CATH ED, TV 26, 61, 60 RM 20
1700 Sede FF, 1F, 72 FF FF, FF 58, F		
	\$130 000A 10,11:00 NO 10 10 NO N	0 3034 STATE BACK DE 60,45,15 20 00 FF
7789 8454 52 13,52,10,10,51,11,1		
	FI 10% AT TO VILVE TO US AN AD TO	6530 BACA IN 49 DE 19 NO EA 37,
1730 180A 10 53,00,FF FF 38,9%,F		
	\$190 OFTE 15, 71 St. 00, 62 S0 TE 1	2000 SASA 65 CO. RO. SY CO. 15 45
	2102 DATA DE NI SA NA BILBELDO 2	
1750 SADA NO SE SE FF.FF.FF.FF.L		1585 DACA 05: 38: 50: 60: 65: 3C 95
	2 800 OHER CO NO NO NO NO NO NO NO	2515 EASA BOLAS DOLAS DELAS EL.
F. 1995 1770 Belle FF, EF, 95 HZ VC 43, 98, V		
	1 993 1100 0004 NE 33 30 32 NF, 46, 91, 11	2588 2454 3C,10 36,77 A3,85,80
1780 2ACA NO 90, 99 99, FF FF 10 G		





1FFE-3HEDRE-CORECS
1SS/SHASSO
1SS/SHASSO
1SS/SHASSO
1FFE-L ITEMPRIMIT CE
1FFE-CHTS/SO/MARPHO
1FFE-CORECS/MARPHO
1FFE-CORECS/MAR

200 SANTERON WOOD

27 200 TRAIDENS AND TRAINESS AN

PROBLEM CHARGE CALVERY LES

SO THE CHARGE BLOCK WINDS
SO THE CHARGE BLOCK WINDS
SO THE CHARGE
SO PRINT COMMON
SO PRINT COM

TO MAN THE PROPERTY OF THE PRO

AC DOS LI-LINEW LINET OF CO JAMES OF STREET OF CO JAMES OF STREET OF CO JAMES OF CONTROL OF CON

STATEMENT OF THE STATEM

AKING MUSEC

| Color | Colo

AND APPLICATIONS OF A CONTROL O

MONOR-ON-LLIFON-RY MONOR ON CREATER EVEN A [DEBMON DOOR OF CREATER DOOR OF CRE

ISTING

YOUR COMMODORE NO. 1983

LISTINGS

| 167 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168 | 168

| 00 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |

8 MODE MORE N. 1986 1. 1, 15, 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0. 10 0.

AND MEET 12 TO THE B 2 1271 A 1271 A

DIV PARALLEL INTERFACE





The lease time

PAINT EPPER IN LOWE 16 PAINT EPPER IN LOWE 16 PAINT EPPER IN LOWE 16

ISTING



STINGS





LISTINGS

40	872 B454 130,182 130 78 130		Mile carra di ci di ci di ci di signi		N DE 200 E 2000
	169 160 32 212 che 208 208 2		105 D 11= 30 7LG 4" 85 00 5	U	1230 BAIN 30 WIND WAS 303 FOR
	3,713 216 32 218 120,170,018 2 37 140 0168		#50 CM7# 0 5 IHO 18 8 8 86 606	Er.	18 78 71 160K
75	150 DASA 135 175 807, 3.15, 1		8"E DATE D 16 DS 10 D 145 IS 5 150 D 1 S 10 D 2 D 80 DE 10		93 76 Or 88 62 "2 80 60 D 1 0.1070 1860 Dely Pt [45 000 109 1
En.	38 1500 750 0800 085 138 38 38 100 0 08 28 168 1138 010 011,182	100	LOUIS		33 890 186 850 105 0 133.63
	24 75 215 200t		-155 LGC D ET 221 D C 65 101 220 1835 Std CAT4 S 25 101 80 C 182 1		1800 DATE NO 090 3 76 68 55 NY IND 108 32 005 136 188 NY 180 136 1813
	2 18f 182 5,35 238 100 180 4 4 37 200 1005 780 0864 680,168 68 75 216 7		80 145 B 178 161 G G E 100 1	*1	
	55 36 608 130 10M 531 35 506	11-	125 0 90 FBC 0 0 00 100 LOS		55 217 19V 2325 1800 EVEN 8 2NO PM 301 0,8 0 3 76 05 136 30 09V 205 16
	790 S-DA (SE 200 a ac 108, 13 2 S2, 53, 132 STC 2 TO BM (NO. 100 100)	33	1000 0A5A 0 30 162 56 0 194	15	0 177 2001
10	NO OFTA 123 32 32 132 158 1	75	100 0111 1000 0774 0 14 165 0 0 0 189 379 0 5 0 0 76 5 15 7 888		0 177 127,133 124 884.0 cms 3 x31 812.2 8120 1900 0414 102 8 121 120 38
58	792 (202 12 1027	11	1800 ORTH 199 CIR D 2 48 (A		3 127 143 2 130 252 169 150
	2 200 205 565 m.m 210 mm 150 2 70 0220 200 0410 426 131,166 40 50 2	ΤE	3.50W 1090 Orde 199 136 D x vs 12 0 10 190 S D.H 3W N 28 153 2	90	NE SOR S 030 293 177 252 26
50	11 Sec 35 500 130 363 41 36	**	1000 ORTH TWO LINE IS NOT THE	51.	8.098 650,0001 1309 5004 179 618 8 821 180 808 17.177 887 188,850 838,0
	1 217 0 165 856,123 CM 123, 11 1 217 0 165 856,123 CM 123, CS1 139 856,6274		0 10 163 5 0 0 MF S 20 183 7 58 1050 0878 299 376 8-3 98 16		1300 0454 KB1 K30 055 1KB D
	*#C DRIN 173 307 3,46 74 34		0 10 100 5 5 50 50 0 0 112 7		191 252 2 180 0 177 252 52 1 190 0574 0 183 016 F 30 254
	D 170 286 2122 120 0815 78 110 178 73 266 1 88 108 290 132 261 01 000 05	100	0 10 0 60 60 91 N 5 0 761,		17.96 187, 30 3M VIO DES VAN 1
	1 133 254 too 2758	29	1000 DATA THE LIS & ST BY LD	DE	TABLE DATE 200 298 206 215, F 206 214 2 240 11 12 10 30. PT 0 102 30 F100
	\$10 Jan 175 CEO CEO 150 000 MF	60	2 12/9 2200 GeTs (No. 120 ts 2 cm 12		1800 DATA 200 205 32 273 and
	8 135 05 555 185 NG ND 123 1	60	0 10 100 00,0,24 MM 9 2 153 800 1100 DATE 144 135 0 3 48 02	64	THE DATE OF THE STATE OF THE OR
	BUT DATE 20 244 130 173 214 P 38 244 130 30 220 120 48 8 WY 130 140 0000	00	0,19 180 63 63 63 88 Ec 70 E 0 1906 1131 DATH BY 73 65 84 63 82	27	0 185 C15 2345
	850 Delta 38 30 SCO 356 35 59		85 72 67 76 73 NO 70 SO SO 7		1 3N PHO II FEE 128,171.6 42 1050 176 1890 1300 0417 7 180 45 25 F15 D
70	74 74 1647 810 0416 36 18 133 18 218 26 8,186 91 18 32 18 100 100 0,	25	1189 DATA 85 80 76 86 80 72 80.87 76 87 83 65 87 67,78 8		27 525 KIN SEA S SOFT \$50, 50,
50	NG 890, 1577 BCD 6878, etc. 187 bc. 35 mon 8	11	1130 Occ. 87 75 50 83 69 68.	83	1900 DATE ETS 2,170 LAS IND. NO. 910 SES N
12	\$5 76 795 138.0" 105 58 201 88 58 3,1987 855 6615 24 106 7 58 277 288	40	1750 COTA DE ME DE ME AN DE ME AND DE	81	2113 6434 8 183 894 183 984 604 0 948 18 24 181 284 108
	76 120 134 1 87 0 0 0 87 10 3 1304 878 1404 0 5 57 20 8 8 340 1	EN.	USO CATE OF BY ME OF ST BY		1970 8474 166 256 188 0 133 256 808 908 845 387,84 101 1
	#7 0 134 E- G G C EA 223 600		\$5 67 80 88 GD CA HS 68 55 0 0, 1260 1180 CMTH 71 79 25 72 75 08	E i	DH 133 FEW 186 POINT 1930 BASA 256 100 v 133 200 150 0 189 818 E 705 289 200
25	869 8459 0 10 151 0 0 0 151 167 5 107 10 0 0 157 96,109		75.54 ES 82 IN ES 75 IN 65 6	Di	201 FIN 2 2221
00	1500 JACA 0 6 90 10 D 171 150	78	1170 DATE 78 60 03 75 NM KG 68 67 67 77 ND 82 08 87 50 6 3 1109		
20	200 BADA O LL 150 O C C 150	FK	1100 EA14 76 60 75 76 76 82 82 87 87 78 60 84 77 180 8		M 300 174 3 35 210 320 32 21 53
77	168 8 8 99 8 9 0 23 109 808 800 0000 0 7,20 41,0 359,162 290 0 135 18 0 0 0 22 325 1	77		CB	1983 SASA 208 S 38 385 136 F # 37 136 160 256 000 168 EX 139 30 012 6000
55	077 500 0404 0 h 183 0 0 0 163 7 87 0 2 160 3 0 0 100 100 100 100	25	E 1176 1700 DATA OT AT OR OF BY BO 78 ER DD 67 85 IN 03 85 TN 7	54	
25	830 0A0A 0 0 100 40 0 183 16 7 170 0 111 100 0 0 0 100 10	96	2 1180 1912 Sans Mo. 78 To Mr. 150 In	04	1190 2000 72 72 72 87 88 32
80	1 100 0 11 1 100 0 0 0 100 10 6 1000 500 0474 0 7 164 1 1 0 184 1	10	32 130 855 160 2 32 827 895 195 850 8250		1 208 1 400 ONLY DE 35 38 38 30 EN EA

YOUR COMMODORS AN 1968





Other Land Control Con

D.P.C.E. CONDUTTER SERVICES LTD

DESCRIPTION OF THE SERVICES LTD

eli componenta/spanta posses anealecte de request from D.P.C.E., Wilkinson House, Telepance 2, Statishard Pk., Telfood, Dhongashare 172 28th Tel. (1955) 929 485 ADM for Bloom plant ADM also OPERATOR SERVICE SERVI



Repairs Guide Call Alan Cole on 01-437 0699



SPECIALIST COMMOGORE HOME COMPUTER

REPAIRS

GENERALIST COMMOGORE HOME COMPUTER

REPAIRS

GENERALIST COMMOGORE



COMMODORS SERVICE CONTRE For one southly be.

The control of the control of the control

The control of the control of the control of the control

The control of the c

SPARES REPAIRS SALES
off trakes of computers 5 purpherals
Part Relative Outsided Sorres
Cented Date Berlann T.E.g., AMERIC
do ELECTROHIC SERVICES
2015 Medigate Stream, Of Buildray,
Published Stream, Off Buildray,
Published Stream, Control Services
Control Servi



COMPUTER REPAIRS
FREE SIGNET CONTROL OF THE STATE OF THE

Repairs Guide Call Alan Cole on 01-437 0699

VTS COMPUTEIR REPAIRS
01 - 407 9422
fingly / 933 you'de he for selecte below
the selection with high description and
consciously admitted and the selection of the
consciously admitted and the selection
VTS COMPUTER REPAIRS

CONTROL OF THE PROPERTY OF THE

F American Acid the two by any and will be a first the second and a second acid the second aci

EOR FAST, RELIABLE AND PROFESSIONAL REPARTS AT COMPETITIVE PRICES

PMERINE RELIABLE AND PROFESSIONAL REPARTS AT COMPETITIVE PRICES

CAMERIOSESHINE PETT - 455

HAVE YOU PLANNED YOUR AUTUMN ADVERTISING?

Commodore verrantly repaired office speriod and repaired on the high property of the high property of the high products including and America. Products including and America Section 2018, Violent Engan Coolin White profits on the high property results, Tableson, Tableson, Tableson, Telecon, Tableson, T

COMMODOR

CLASSIFIED COUPON

ALL CLASSIFIED ANYESTISMENTS MADE BE PROPARD

THERE ARE NO PRINCIPAL TO ANY OF CANCELLY POWER

THOMPS NO PROPERTY OF THE

PLEXIS DEPT OF ACCESSIONAL AND LONG DOCUMENTS OF THE PROPERTY DESCRIPTION OF THE PROPERTY OF T

Puzzle Corner





THE MAGAZINE THAT

TELEMAP GROUP LTD

"£229 for all that?"





Chloridge Road, 19,200 1900 Administration of the September 1987 September 1987

Patient Sales and Company of the Sales Sal

President Presid

